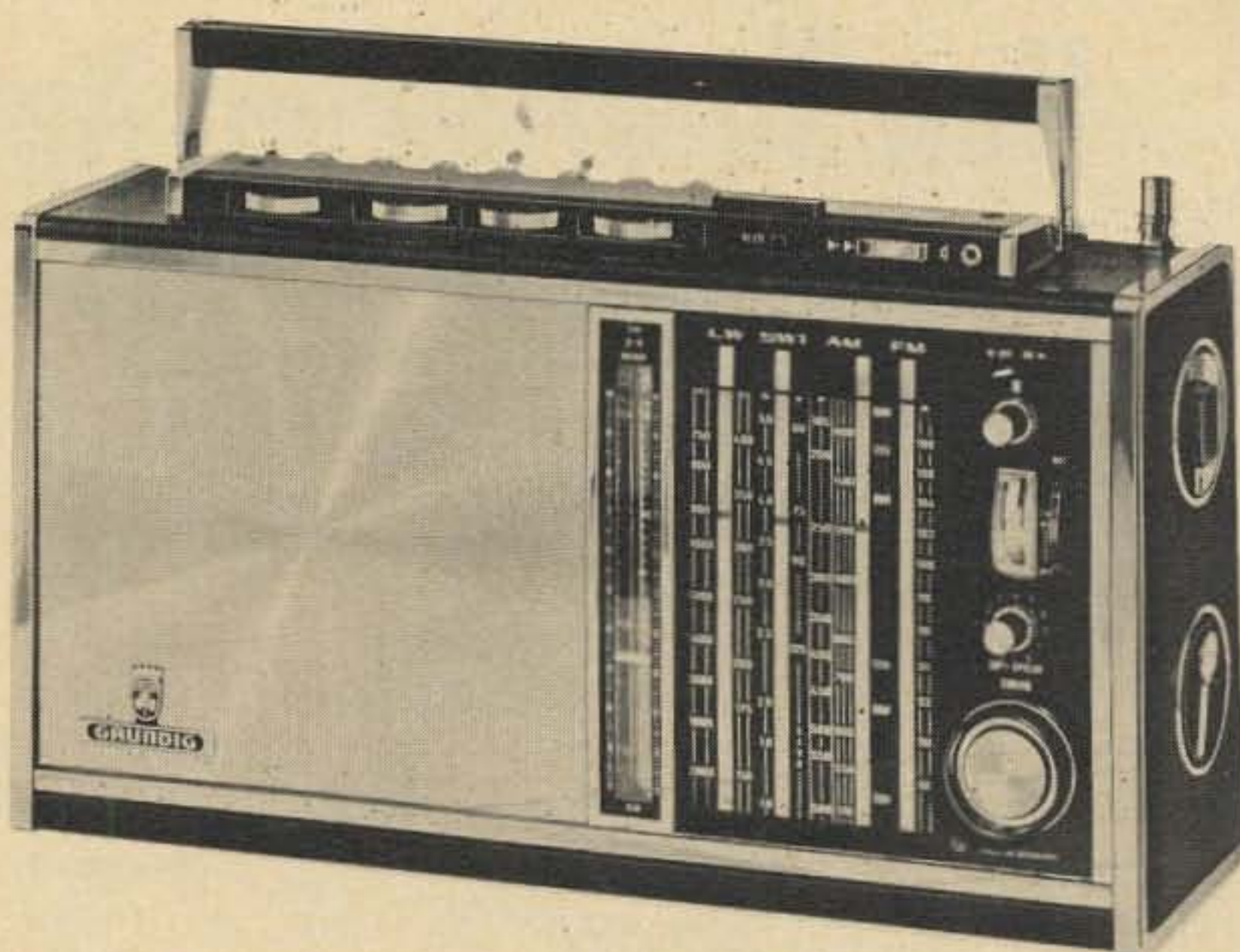


73 tests the *Grundig* **SATELLITE** *Ham Radio Receiver*



...and is impressed!

Those crafty Germans have come up with a remarkable portable receiver, one that seems to have just about everything imaginable. Here is a receiver with separate bandspread dials for each of the amateur radio bands, a receiver that has a product detector so you can copy sideband and CW! It even covers 160m, tuning from 1700–2000 kHz. The 80m bandspread dial covers 3500 to 3800 kHz, with the remainder of the band being adequately covered by the regular shortwave band which covers 1600 to 5000 kHz. The 40m band covers 6900 to 7350 kHz, including CHU, naturally. There is also a 49m band for SWLs, tuning from 5950 to 6250 kHz. The 20m band covers from 13.9 to 14.5 MHz. 15m covers 20.5 to 21.75 MHz. 10m is in two bands, one from 26.9 to 28.4 MHz, which includes the citizens band, and one from 28.3 to 29.8 MHz.

There is also a band for low-frequency listening from 150 to 450 kHz, plus the broadcast band and the FM 88–108 MHz band.

It has so many features that it is hard to list them all. The i-f response can be switched from broad to narrow, giving optimum response for FM music and crowded ham-band reception. The speaker is huge and has a remarkable richness of

tone for a portable radio. The receiver operates on built-in batteries or ac, and has a meter to show the battery voltage. The sideband unit has a narrowband filter (to cut down noise pulses) as well as a manual avc function. There are separate tone controls, an S-meter, a 13-section antenna, provisions for using your car antenna, an outside FM antenna, and a shortwave or ham-band antenna. There are inputs and outputs for a tape unit or phonograph player and a plug for external loudspeakers.

When we removed the Grundig from the carton here at 73 to test it just about everyone on the staff blew their minds over it. Everyone had an immediate case of wants. There was a tussle between the rock fans to listen to FM and the hams to listen to 20 meters. The receiver is stable enough to allow excellent sideband reception and there are enough controls to give you good flexibility in tuning in signals. This certainly could be used for communications for it does a lot better job than some ham receivers that are not all that much lower in price. The major advantage of this receiver is that it is portable and that it covers just about anything you would normally want — AM, FM, SSB, or CW. With a little converter it would be excellent for tuning in FM repeaters!